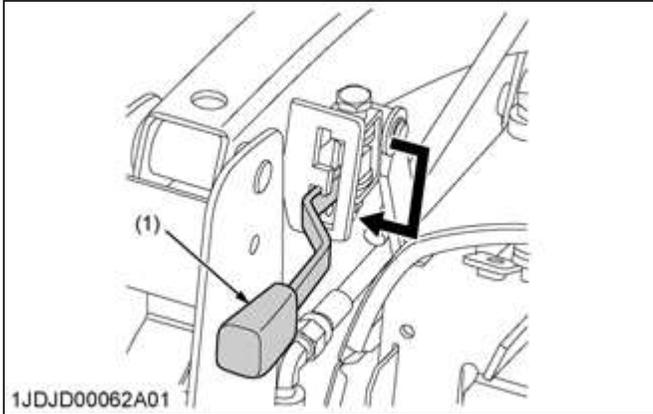


### 3. Checking and adjusting

#### 3.1 Loader stand

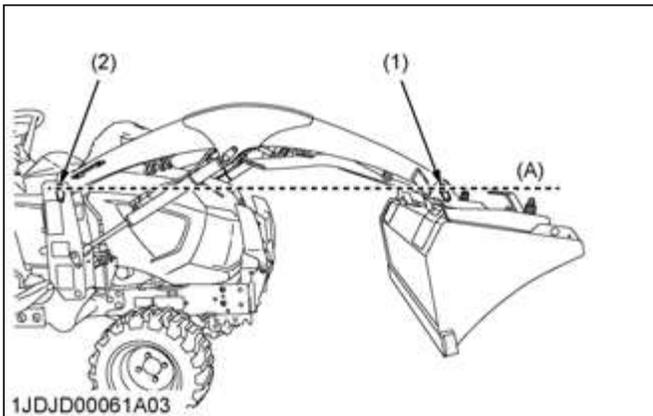
##### 3.1.1 Adjusting height of loader stand

1. Make sure that the stand lever is at its low position as shown in the following figure.



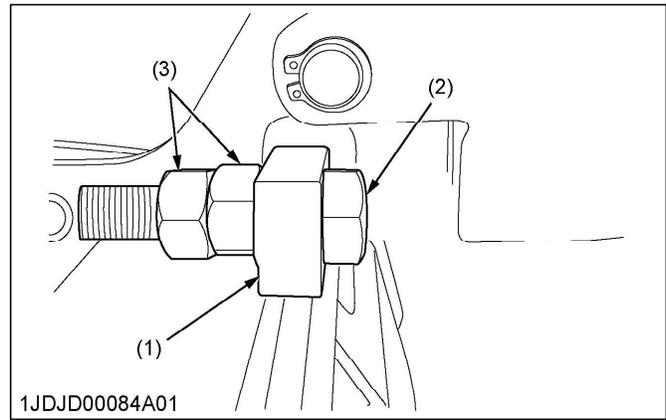
(1) Stand lever

2. Raise the boom until the bucket-fulcrum-pin comes up to the height of the boom-fulcrum-pin.
3. Roll back the bucket to maximum.



(1) Bucket fulcrum pin (A) Same height  
(2) Boom fulcrum pin

4. Stop the engine.
5. Apply the adjusting bolts to the right and left stand adjusting blocks as shown in the following figure.



(1) Adjusting block (3) Lock nut  
(2) Adjusting bolt

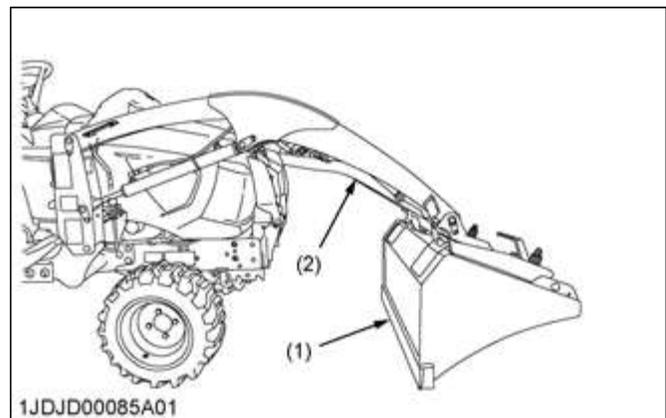
#### ■ IMPORTANT

- Be sure to apply the bolts all the way to prevent the damage of the stand.

#### ■ NOTE

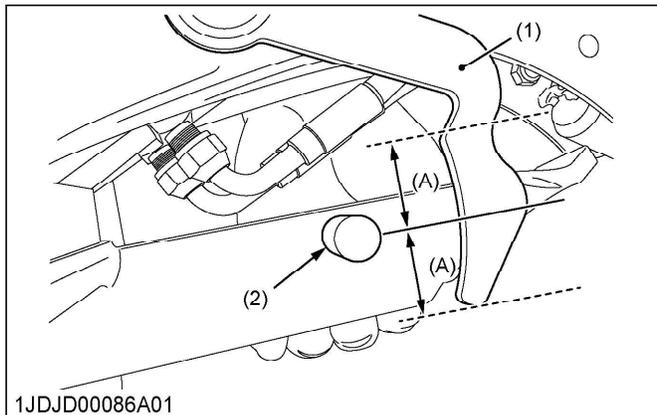
- There is no need to tighten up the lock nuts.

6. Move the hydraulic-control-lever to the **dump** position, and check to see if the stands are folded as specified.
7. Fasten the seat belt, and start the engine.
8. Move the hydraulic control lever to the **dump** position until the hydraulic pressure gets relieved.
9. Lower the boom to put the bucket on the ground.



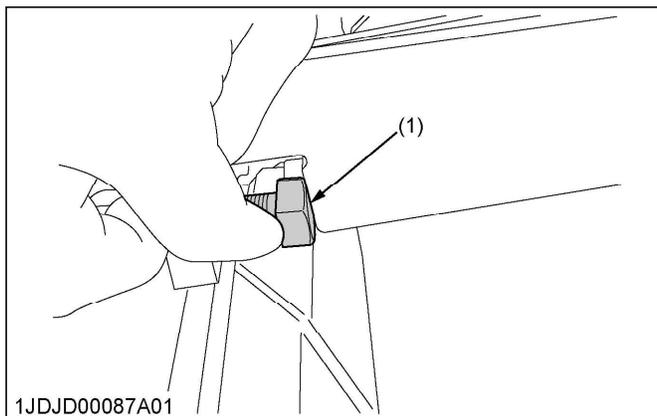
(1) Bucket (2) Stand

10. Lift the stand on the right side of the loader up to the position shown in the following figure.



- (1) Stand hook (A) Almost the same  
(2) Stand pin

11. Reposition the adjusting bolt until it touches the stand.



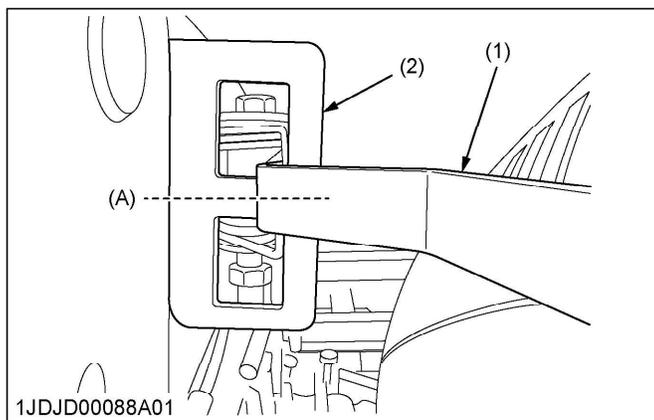
- (1) Adjusting bolt

■ NOTE

- The position of the bolt is provisional and may be roughly set for now.

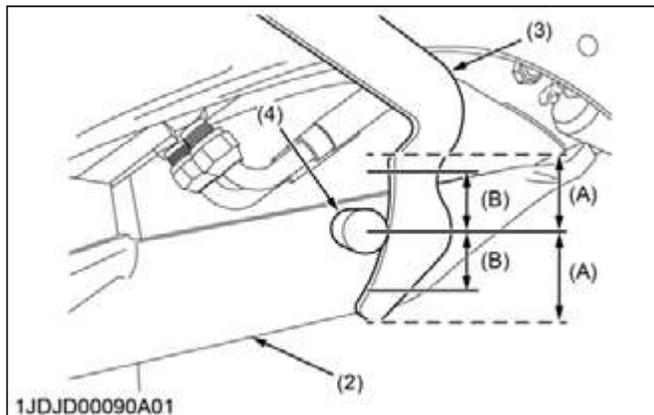
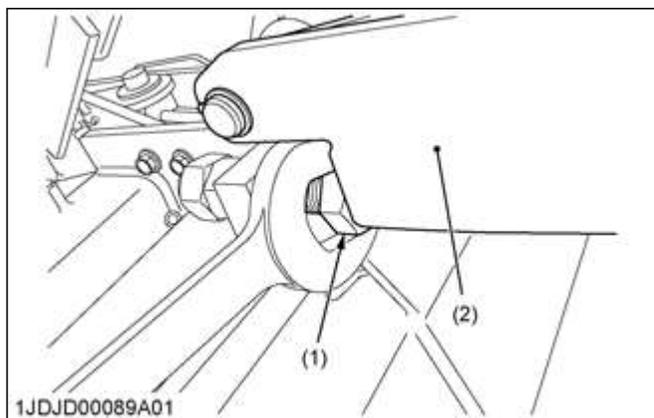
12. Adjust the adjusting bolt in the same way as for the stand on the left side of the loader.

13. Position the stand lever as shown in the figure.



- (1) Stand lever (A) Center  
(2) Lever guide

14. Turn the adjusting bolt on the right side of the loader to set the stand pin as shown as follows.



- (1) Adjusting bolt (A) Almost the same  
(2) Stand (B) Adjusting range  
(3) Stand hook  
(4) Stand pin

Adjusting range (B)	± 15 mm
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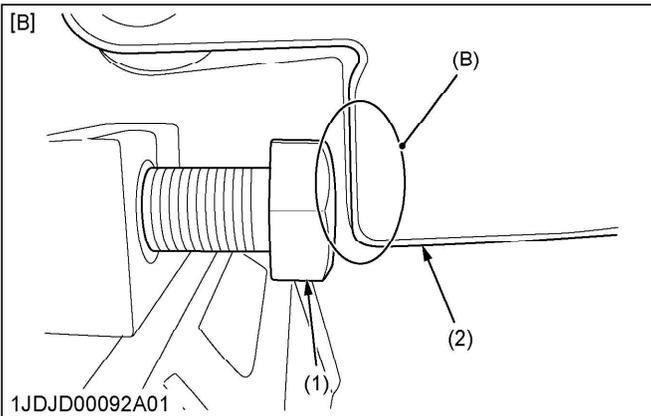
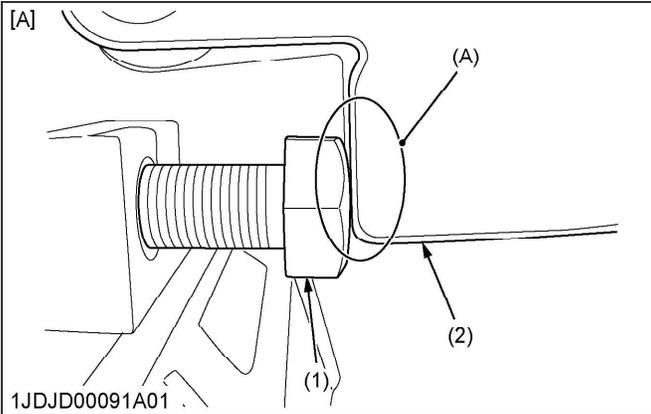
■ IMPORTANT

- Be careful not to allow the stands to go beyond their adjustable range. Otherwise the stands may get damaged.

15. Lock the stand pin using the lock nut.

3. FRONT LOADER

16. Turn the adjusting bolt and lock the stand pin on the left side of the loader in the same way as for the right side.
17. Look at the right and left stands to make sure that the heads of the adjusting bolts are pressed upon the stands.

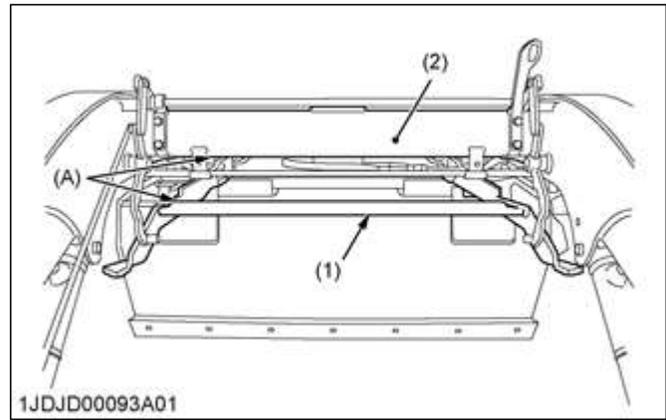


- |                    |               |
|--------------------|---------------|
| (1) Adjusting bolt | (A) Touch     |
| (2) Stand          | (B) Not touch |
| [A] Good           |               |
| [B] No good        |               |

■ IMPORTANT

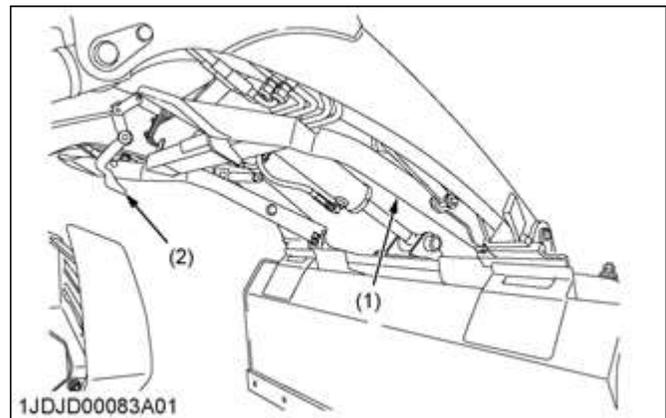
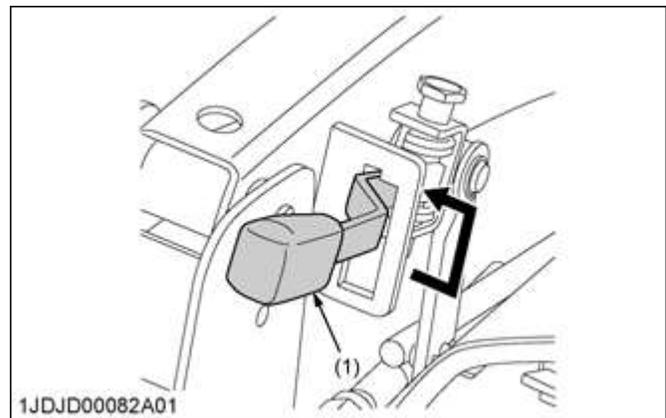
- Double-check that the heads of the adjusting bolts are pressed upon the stands. Otherwise the stands may get damaged in storing them away.

18. Be sure that the stands run parallel with the loader pipe.



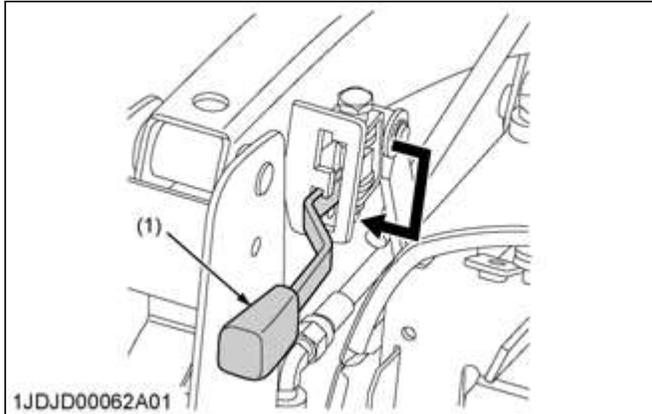
- |                 |              |
|-----------------|--------------|
| (1) Stand       | (A) Parallel |
| (2) Loader pipe |              |

19. Slide the stand lever in the upward direction and make sure that the stand gets locked.



- |                 |                |
|-----------------|----------------|
| (1) Stand lever | (3) Stand hook |
| (2) Stand       |                |

20. Set the stand lever to the **low** position.

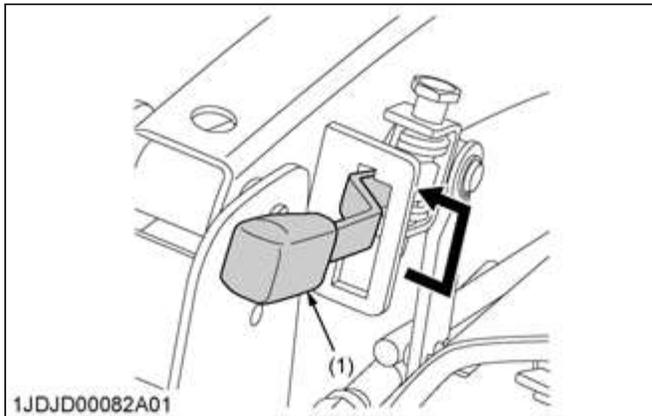


(1) Stand lever

21. Fasten the seat belt.
22. Get the engine started, roll back the bucket and move up the boom, both to maximum.
23. Stop the engine.
24. Move the hydraulic-control-lever to the **dump** position until the bucket comes to a complete stop.
25. Make sure that the stands are folded as specified.
26. Fasten the seat belt.
27. Get the engine started and raise the engine speed up to the following speed.

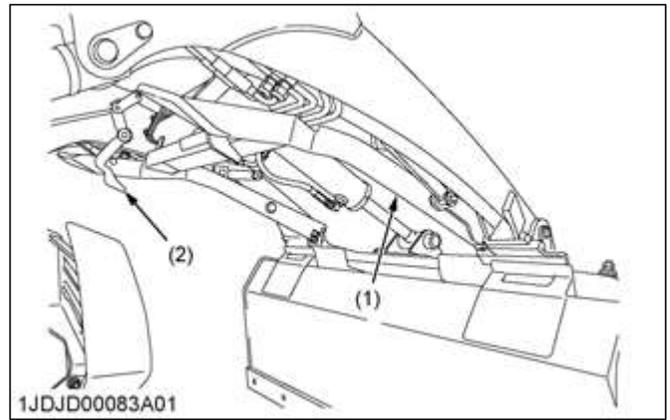
Engine speed	1800 rpm
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28. Slowly dump the bucket until the stand touches the boom.
29. Slide the stand lever upward direction, and then slide the stand lever left side completely as shown in the following figure.



(1) Stand lever

30. Hold the stand by stand hook.



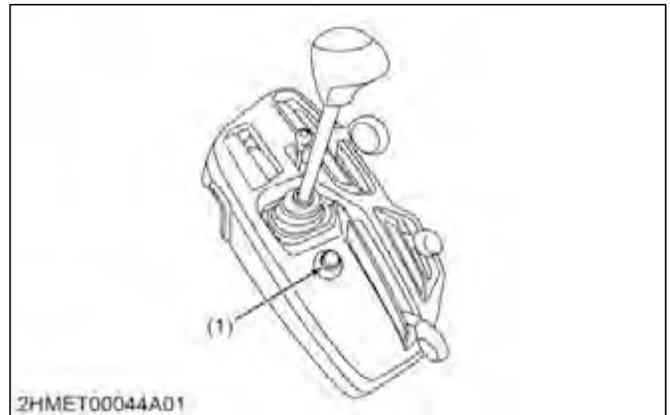
(1) Stand

(2) Stand hook

## 3.2 Front hydraulic valve main switch and relay

### 3.2.1 Checking front hydraulic valve main switch continuity

1. Disconnect the front hydraulic valve main switch connector.



(1) Front hydraulic valve main switch

2. Measure the resistance with an ohmmeter between terminal RB and terminal B.